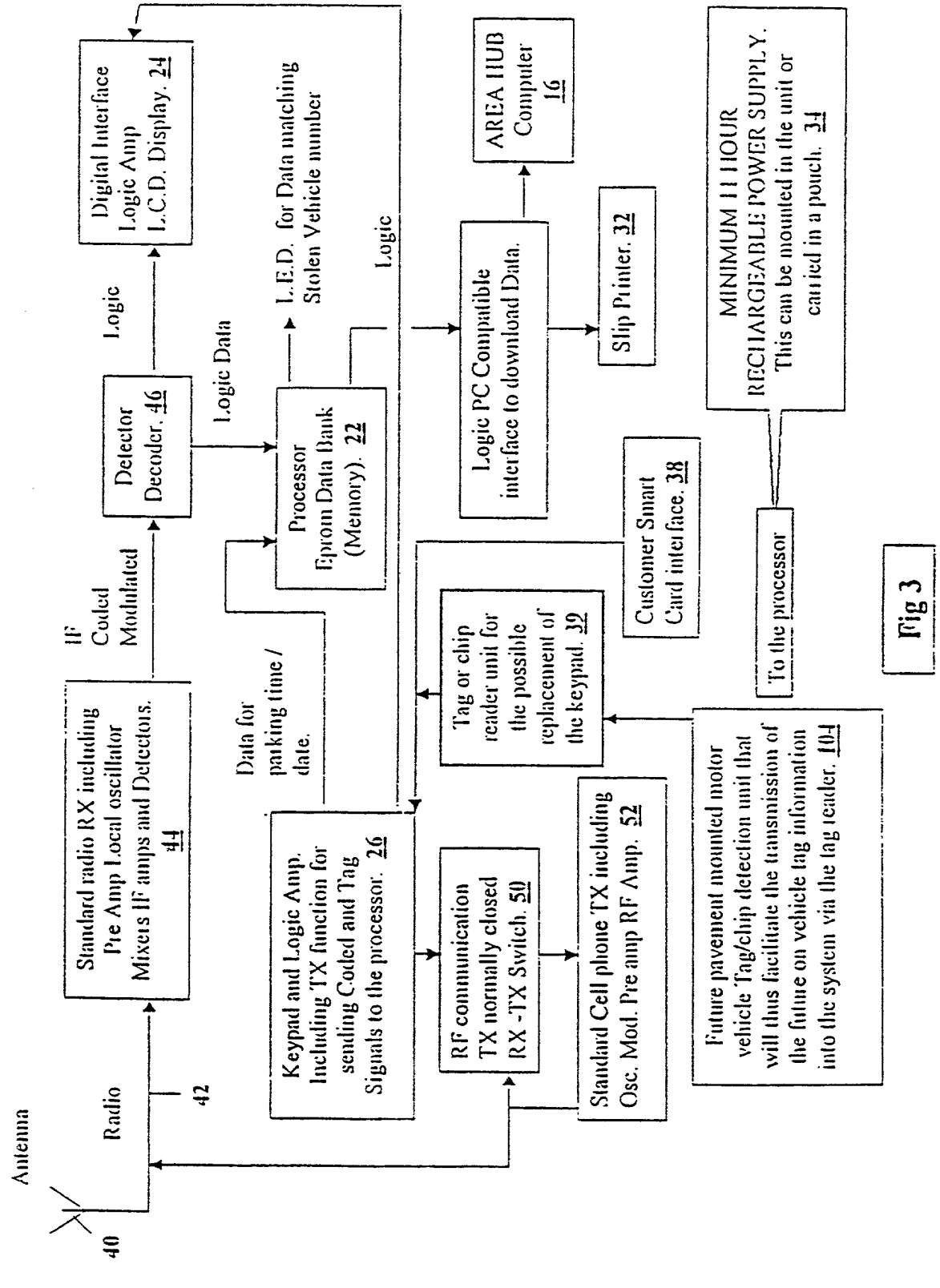
Antenna
40
Radio
42
Standard radio RX including Pre Amp Local oscillator Mixes IF amps and Detectors. 44
IF Coded Modulated
Detector Decoder. 46
Logic
Digital Interface Logic Amp L.C.D. Display. 24
Logic Data
Processor Eprom Data Bank (Memory). 22
L.E.D. for Data matching Stolen Vehicle number
Logic
Data for parking time / date.
Keypad and Logic Amp. Including TX function for sending Coded and Tag Signals to the processor. 26
RF communication TX normally closed RX -TX Switch. 50
Standard Cell phone TX including Osc. Mod. Pre amp RF Amp. 52
Tag or chip reader unit for the possible replacement of the keypad. 32
Customer Smart Card interface. 38
Logic PC Compatible interface to download Data.
AREA HUB Computer 16
Slip Printer. 32
MINIMUM 11 HOUR RECHARGEABLE POWER SUPPLY. This can be mounted in the unit or carried in a pouch. 34
To the processor
Future pavement mounted motor vehicle Tag/chip detection unit that will thus facilitate the transmission of the future on vehicle tag information into the system via the tag reader. 104

Fig 3

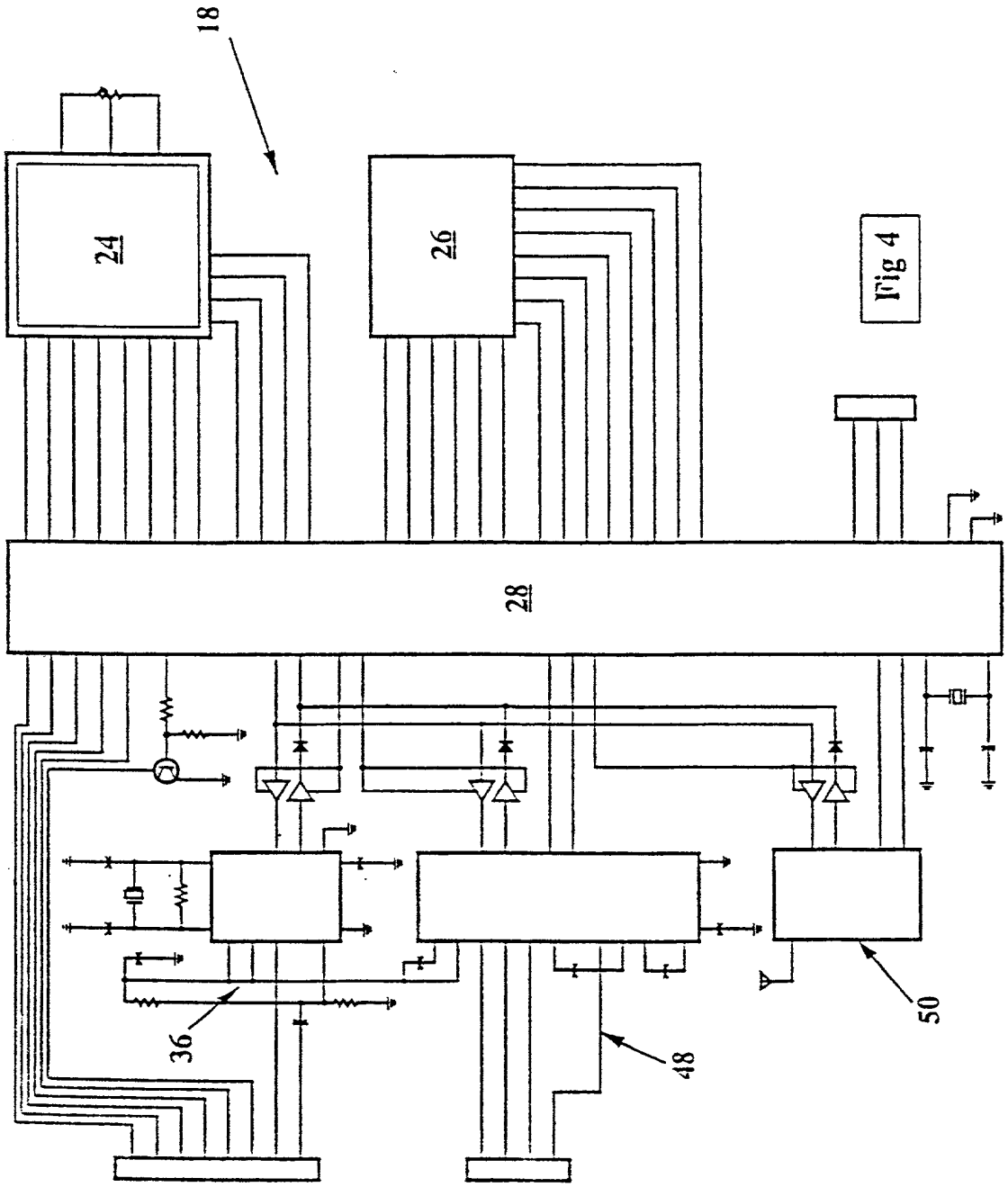

Fig 4

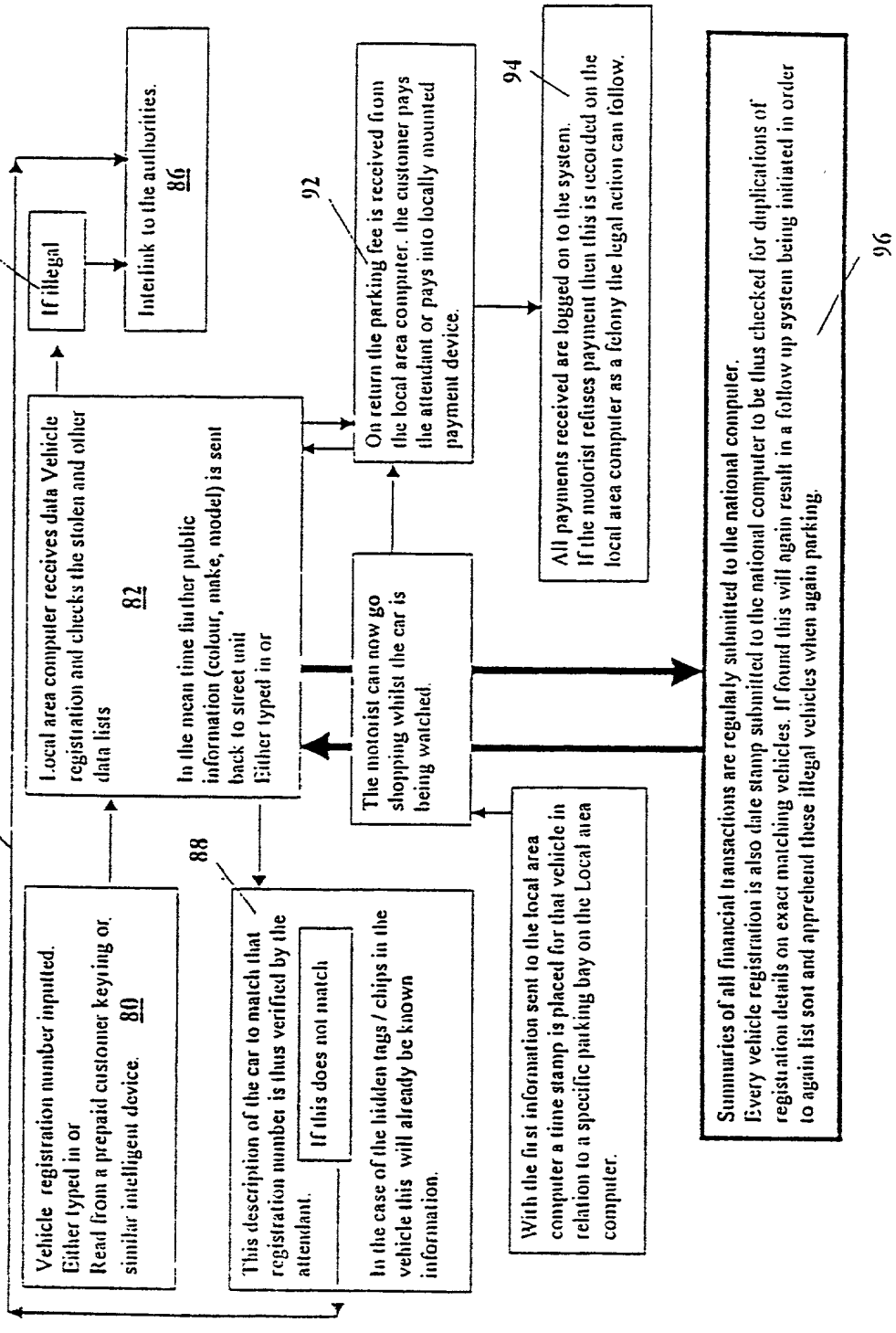
90
Vehicle registration number inputted. Either typed in or Read from a prepaid customer keying or similar intelligent device. 80
88
This description of the car to match that registration number is thus verified by the attendant.
If this does not match
In the case of the hidden tags / chips in the vehicle this will already be known information.
84
Local area computer receives data Vehicle registration and checks the stolen and other data lists 82
In the mean time time further public information (colour, make, model) is sent back to street unit Either typed in or
If illegal
Interlink to the authorities. 86
92
On return the parking fee is received from the local area computer. the customer pays the attendant or pays into locally mounted payment device.
The motorist can now go shopping whilst the car is being watched.
With the first information sent to the local area computer a time stamp is placed for that vehicle in relation to a specific parking bay on the Local area computer.
94
All payments received are logged on to the system. If the motorist refuses payment then this is recorded on the local area computer as a felony the legal action can follow.
Summaries of all financial transactions are regularly submitted to the national computer. Every vehicle registration is also date stamp submitted to the national computer to be thus checked for duplications of registration details on exact matching vehicles. If found this will again result in a follow up system being initiated in order to again list sort and apprehend these illegal vehicles when again parking.
96

Fig 5